SYSTEM SERVICE TEST RECORD -- FORM 250
For use with TM-071

SYSTEM SERIAL #:	**SYSTEM MODEL:**
HOSPITAL:	
SERVICE ENG. NAME:	**DATE:**

TEST	DESCRIPTION	REQUIREMENT	RESULT		OK
3.1	Power up/Self Test	Red LED flashes and Alarm sounds three times	yes	no	
		Record software version:			
		Green LED on front panel and power switch are lit	yes	no	
3.2	System Set-up	All fields blue except Air Trap	yes	no	
		Roller Pump Door changing from Blue to Red when opened.	yes	no	
		Check Prime Switch changing from Blue to Red when pressed	yes	no	
		Air Trap Level changing from Red to Blue when filled	yes	no	
		System goes to Standby	yes	no	
3.3	Time & Date set-up	Set time and date are to local time			
3.4	Temperature Input Check	TP400 set at 37°C. Display shows value from **36.9 – 37.1°C**		°C	
3.5	Run Mode Verification	With T1 and T2 connected, system immediately goes into RUN	yes	no	
		Audible alarm and message when T2 disconnected	yes	no	
		Yellow screen appears after pressing Standby/Run button	yes	no	
		System goes into RUN mode after selecting “Yes”.	yes	no	
		Pump is turning counter clockwise	yes	no	
		Coolant is circulating within Coldwell	yes	no	
		Blower fan is turning	yes	no	
		Target temperature is set to **36.5 °C**	yes	no	
		The rate is set to MAX	yes	no	
3.6	Pump Door and Mute Button Test	“Pump Door Open” message on screen	yes	no	
		Audible alarm and system goes into STANDBY	yes	no	
		Mute button silenced alarm	yes	no	
3.7	Air Trap test	When Air Trap is removed, message display is “**AIR TRAP FAULT – Check Saline Level**”	yes	no	
3.8	Target Temp Set-up	Verify the Target temperature is set to **38.0°C**	yes	no	
3.9	Rate Set-up	When the Rate Deg/Hr button is pushed in Standby Mode, following modes displayed: Max Power/Controlled Rate/ Fever	yes	no	
		Select the Controlled Rate Mode and verify that the rate selection changes from 0.10 to 0.65 ºC/Hr.	yes	no	
3.10	Verify Slew Rate	System time when display changes from MAX Red to MED Red			-----
		System time when display changes from MED Blue to Max Blue			-----
		Subtract the first time from the second time. The difference between these two times must be **less than 30 minutes.**		min	
3.11	Peristaltic Pump Test	Number of cycles in one minute. Should be between **35 and 43**		cycles/min	
3.12	Data Download	Data download test	yes	no	

All tests and readings are within the specified limits: Pass_____ Fail _____

Service Engineer (signature): _____ Date: _____

HISTORY BLOCK:

Rev.	Description	DCO #	Effective Date
1	Convert to ZOLL Format	2945	7/1/2009
2	Update to the European Service Center (Wateringen, Netherlands)	3526	2/1/2011
3	Updated format. Removed DCO from footer section. Added a History Block section. Added Check in section 3.4 to match with the test procedure TM-071	5232	12/8/2014